

Appln. No. 10/071,963
Amendment dated January 25, 2005
Reply to Office Action of November 2, 2004

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Amendments to the Claims:

Please amend claims 1, 6, and 11-16 and add new claim 17 as follows. The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended). A decorative sheet comprising:

a base material layer formed of a colored resin material including ~~an amorphous polyethylene terephthalate type~~ a resin obtained by copolymerization of a dicarboxylic acid component consisting of terephthalic acid and a diol component consisting of 1,4-cyclohexanedimethanol and ethylene glycol as a main component;

a print pattern layer formed on one surface of said base material layer, consisting of a coloring ink comprising a binder including a copolymer of vinyl chloride and vinyl acetate as a main component; and

a transparent layer laminated on said print pattern layer, consisting of a resin material including a transparent ~~amorphous polyethylene terephthalate type~~ resin obtained by copolymeriza-

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- 15 tion of a dicarboxylic acid component consisting of terephthalic acid and a diol component consisting of 1,4-cyclohexanedimethanol and ethylene glycol as a main component.

Claim 2 (Original). The decorative sheet according to Claim 1, further comprising a hard and transparent surface protective layer which is laminated on said transparent layer.

Claim 3 (Original). The decorative sheet according to Claim 2, wherein said surface protective layer is constituted of a transfer protective layer of a transfer foil.

Claim 4 (Original). The decorative sheet according to Claim 2, wherein said surface protective layer is constituted of a hard coating film.

Claim 5 (Original). The decorative sheet according to Claim 2, wherein said surface protective layer has a masking film which is spread on the surface of said surface protective layer.

Claim 6 (Currently Amended). The decorative sheet according to Claim 1, wherein said base material layer and said transparent

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layer comprise a ratio of 40 to 100% by weight of ~~an amorphous polyethylene terephthalate type~~ a resin obtained by copolymerization of a dicarboxylic acid component consisting of terephthalic acid and a diol component consisting of 1,4-cyclohexanedimethanol and ethylene glycol and 0 to 60% by weight of a crystalline polyester resin.

Claims 7-10 (Cancelled).

Claim 11 (Currently Amended). The decorative sheet according to claim 6, wherein said base material layer comprises a ratio of 60 to 90% by weight of ~~an amorphous polyethylene terephthalate type~~ a resin obtained by copolymerization of a dicarboxylic acid component consisting of terephthalic acid and a diol component consisting of 1,4-cyclohexanedimethanol and ethylene glycol and a ratio of 10 to 40% by weight of a crystalline polyester resin.

Claim 12 (Currently Amended). The decorative sheet according to claim 6, wherein said transparent layer comprises a ratio of 60 to 90% by weight of ~~an amorphous polyethylene terephthalate type~~ a resin obtained by copolymerization of a dicarboxylic acid

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- 5 component consisting of terephthalic acid and a diol component
consisting of 1,4-cyclohexanedimethanol and ethylene glycol and a
ratio of 10 to 40% by weight of a crystalline polyester resin.

Claim 13 (Currently Amended). A decorative sheet
comprising:

- a base material layer formed of a colored resin material
~~including an amorphous polyethylene terephthalate type~~ a resin
5 obtained by copolymerization of a dicarboxylic acid component
consisting of terephthalic acid and a diol component consisting
of 1,4-cyclohexanedimethanol and ethylene glycol as a main
component;

- a print pattern layer formed on one surface of said base
10 material layer, consisting of a coloring ink comprising a binder
including a copolymer of vinyl chloride and vinyl acetate as a
main component; and

- a transparent layer laminated on said print pattern layer,
consisting of a resin material including a transparent ~~amorphous~~
15 ~~polyethylene terephthalate type~~ resin obtained by copolymeriza-
tion of a dicarboxylic acid component consisting of terephthalic
acid and a diol component consisting of 1,4-cyclohexanedimethanol
and ethylene glycol as a main component,

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wherein said base material layer and said transparent layer
20 comprise a ratio of 60 to 90% by weight of ~~an amorphous~~
~~polyethylene terephthalate type~~ a resin obtained by copolymeri-
zation of a dicarboxylic acid component consisting of
terephthalic acid and a diol component consisting of 1,4-cyclo-
hexanedimethanol and ethylene glycol and 10 to 40% by weight of a
25 crystalline polyester resin.

Claim 14 (Currently Amended). A decorative sheet
comprising:

a base material layer formed of a colored resin material
including ~~an amorphous polyethylene terephthalate type~~ a resin
5 obtained by copolymerization of a dicarboxylic acid component
consisting of terephthalic acid and a diol component consisting
of 1,4-cyclohexanedimethanol and ethylene glycol as a main
component;

a print pattern layer formed on one surface of said base
10 material layer, consisting of a coloring ink comprising a binder
including a copolymer of vinyl chloride and vinyl acetate as a
main component;

a transparent layer laminated on said print pattern layer,
consisting of a resin material including a transparent ~~amorphous~~
15 ~~polyethylene terephthalate type~~ resin obtained by copolymeriza-

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tion of a dicarboxylic acid component consisting of terephthalic acid and a diol component consisting of 1,4-cyclohexanedimethanol and ethylene glycol as a main component[[,]] ; and

a hard coating film, laminated on said transparent layer, consisting of a base film of a crystalline polyethylene terephthalate resin, an adhesive layer by applying a hot-melt-type adhesive to the rear surface of the base film, and a hard coating layer of a hardenable resin formed on the surface of the base film, wherein the transparent layer attaches the adhesive
20 layer of the hard coating film.
25

Claim 15 (Currently Amended). A decorative sheet which comprises:

a base material layer formed of a colored resin material including ~~an amorphous polyethylene terephthalate type~~ a resin
5 obtained by copolymerization of a dicarboxylic acid component consisting of terephthalic acid and a diol component consisting of 1,4-cyclohexanedimethanol and ethylene glycol as a main
component;

a print pattern layer formed on one surface of said base
10 material layer, consisting of a coloring ink comprising a binder including a copolymer of vinyl chloride and vinyl acetate as a main component;

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15 a transparent layer laminated on said print layer,
consisting of a resin material including a transparent ~~amorphous~~
~~polyethylene terephthalate type~~ resin obtained by copolymeriza-
tion of a dicarboxylic acid component consisting of terephthalic
acid and a diol component consisting of 1,4-cyclohexanedimethanol
and ethylene glycol as a main component[[,]] ; and

20 a transfer foil laminated on said transparent layer, formed
of a base material film of a polyethylene terephthalate ~~type~~
resin, a releasing layer laminated on one surface of the base
material, a transfer protective layer formed on the releasing
layer, and an adhesive layer formed of a hot-melt-type adhesive
on the transfer protective layer,

25 wherein the transparent layer attaches the adhesive layer of
the transfer foil.

Claim 16 (Currently Amended). A decorative sheet
comprising:

5 a base material formed of a colored resin material including
~~an amorphous polyethylene terephthalate type~~ a resin obtained by
copolymerization of a dicarboxylic acid component consisting of
terephthalic acid and a diol component consisting of 1,4-cyclo-
hexanedimethanol and ethylene glycol as a main component;

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a print pattern layer formed on one surface of said base material layer, consisting of a coloring ink comprising a binder including a copolymer of vinyl chloride and vinyl acetate as a main component;

a transparent layer laminated on said print pattern layer, consisting of a resin material including a transparent ~~amorphous polyethylene terephthalate-type~~ resin obtained by copolymerization of a dicarboxylic acid component consisting of terephthalic acid and a diol component consisting of 1,4-cyclohexanedimethanol and ethylene glycol as a main component;

a hard coating film laminated on said transparent layer, consisting of a base film of a crystalline polyethylene terephthalate resin, an adhesive layer by applying a hot-melt-type adhesive to the rear surface of the base film, and a hard coating layer of a hardenable resin formed on the surface of the base film; [[,]] and

a transfer foil laminated on said hard coating film, formed of a base material film of a polyethylene terephthalate resin, a releasing layer laminated on one surface of the base material, a transfer protective layer formed on the releasing layer, and an adhesive layer formed of a hot-melt-type adhesive on the transfer protective layer, wherein

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30 the transparent layer attached the adhesive layer of the
hard coating film, and
the hard coating film attaches the adhesive layer of the
transfer foil.

Claim 17 (New). A decorative sheet comprising:

a base material layer formed of a colored resin material
including a resin obtained by copolymerization of a dicarboxylic
acid component consisting of terephthalic acid and a diol

5 component consisting of 25 to 35% by mole of 1,4-cyclohexanedi-
methanol and 65 to 75% by mole of ethylene glycol as a main
component;

a print pattern layer formed on one surface of said base
material layer, consisting of a coloring ink comprising a binder
10 including a copolymer of vinyl chloride and vinyl acetate as a
main component; and

a transparent layer laminated on said print pattern layer,
consisting of a resin material including a transparent resin
obtained by copolymerization of a dicarboxylic acid component
15 consisting of terephthalic acid and a diol component consisting
of 25 to 35% by mole of 1,4-cyclohexanedimethanol and 65 to 75%
by mole of ethylene glycol as a main component.